

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007209**Date Inspected:** 29-May-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG and Tower**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

OBG Trial Assembly Area-

This QA inspector designated locations for Radiographic Testing (RT) of OBG segment 2AW to 2BW Splice welds. A total of 12 locations were designated for radiographic testing, 7 locations for Deck Panel Splice welds, 3 locations for bottom panel splice welds, and 1 for each Edge splate Splice. These areas were to be ground flush prior to RT.

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The members are identified as East OBG segment 4AE to 4BE Bottom and side plate splice welds, OBE4A-001 through 005.

Bay 10-

QA Inspector observed the following work in progress: SAW welding of weld joint 3A located on North Tower Lift 2 NSD1-TL 8 B/L. ZPMC welder was identified as 040489. ZPMC QC is identified as Li Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-C-U2b-S-2.

WELDING INSPECTION REPORT

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Bay11-

QA Inspector observed the following work in progress: FCAW welding of weld joints 28, 30, 31 located on West Tower Lift 3 WSD1-FDSA3-2 C/C. ZPMC welders were identified as 069043, 067858 and 066484. ZPMC QC is identified as Li Ming. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-C-U2b-S-2.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general between QA and QC occurred this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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